

WHAT IS CLAIMED:

1. A resilient selectively insulated contact assembly comprising:
 - a dome shaped, movable contact member, said contact member being formed from a thin elastic metal plate, said contact member having an outer surface, an inner surface and a peripheral edge;
 - an insulative layer applied to said inner surface of said contact member, said insulative layer having selective voids at predetermined locations.
2. The resilient selectively insulated contact assembly of Claim 1, wherein said insulative layer is a non-conductive film having an adhesive backing.
3. The resilient selectively insulated contact assembly of Claim 2, wherein said insulative layer is die-cut to a predetermined shape to include said voids.
4. The resilient selectively insulated contact assembly of Claim 1, wherein said voids include one void on the inner surface of said dome near the center of said dome.
5. The resilient selectively insulated contact assembly of Claim 1, further comprising:
 - at least one contact arm connected to said peripheral edge of said contact member; and
 - at least one stabilizer arm connected to said peripheral edge of said contact member.

6. The resilient selectively insulated contact assembly of Claim 5, wherein said voids include one void on the inner surface of said dome near the center of said dome and another void on said at least one contact arm.

7. A circuit assembly comprising:

a light emitting diode having a first contact leg and a second contact leg;

a battery having a first contact surface and a second contact surface, wherein said first contact surface is in electrical communication with said first contact leg of said light emitting diode;

a dome shaped, movable contact member said contact member being formed from a thin elastic metal plate, said contact member having an outer surface, an inner surface and a peripheral edge, said inner surface being adjacent and in spaced relation to said second contact surface of said battery and said outer surface being in electrical communication with said second contact leg of said light emitting diode;

an insulative layer applied to said inner surface of said contact member between said contact member and said second contact surface of said battery, said insulative layer having selective voids at predetermined locations, said voids in said insulative layer allowing said contact member to make electrical contact with said second contact surface of said battery upon being depressed thereby energizing said circuit.

8. The circuit assembly of Claim 7, wherein said insulative layer is a non-conductive film having an adhesive backing.
9. The circuit assembly of Claim 8, wherein said insulative layer is die-cut to a predetermined shape to include said voids.
10. The circuit assembly of Claim 7, wherein said voids include one void on the inner surface of said dome near the center of said dome.
11. The circuit assembly of Claim 7, further comprising:
at least one contact arm connected to said peripheral edge of said contact member, wherein said contact arm is disposed between said contact member and said second contact leg of said LED; and
at least one stabilizer arm connected to said peripheral edge of said contact member.
12. The circuit assembly of Claim 11, wherein said voids include one void on the inner surface of said dome near the center of said dome and another void on said at least one contact arm.